OLYMPUS®

DIGITAL CAMERA

Stylus 410 DIGITAL
µ [mju:] 410 DIGITAL

Basic Manual

Introduction

Thank you for purchasing an Olympus digital camera.

The reference manuals for this camera consist of the following two guides. To ensure correct and safe use of the camera, please read the manuals before using the camera and refer to them whenever necessary during use.

| **Basic manual (this manual)** | Contains instructions for setup and some for basic operations. We recommend first-time users to read this manual first. | **Reference manual (on CAMEDIA Master CD-ROM)** | Contains a description of all the camera functions. Use this manual to get the most out of all the features and functions of your camera. |

● The contents of this manual are subject to change without notice. Contact an authorized Olympus service center for the product name, model number, and the latest information.
● While every care has been taken in the preparation of this manual, if you find any errors, omissions, or points which are unclear, please contact an authorized Olympus service center.
● The contents of this manual may not be reproduced in whole or in part except for personal use. It may not be transferred without permission.
● Olympus accepts no responsibility for losses suffered by the customer or a third party as a result of improper use of this product.
● Olympus accepts no responsibility for any damage due to a loss of image data resulting from malfunction of this product, repair by a third party not authorized by Olympus, or other reason.

Voluntary radio interference control

● This equipment is a Class B digital device based on the standards of the Voluntary Control Council for Interference by Information Technology Equipment (VCCI). This equipment is designed for use in a home environment, but it may cause interference to radio or television reception if used in the vicinity of the receiver.
● Follow the instructions in the manuals to ensure correct use.
● Do not use the camera inside an aircraft during take-off or landing.
● Use of a cable other than that specified herein when connecting the equipment may result in VCCI limits being exceeded. Use only the specified cable.

Trademarks

● Windows is registered trademark of Microsoft Corporation.
● Macintosh is trademark of Apple Computer, Inc.
● All other company and product names are registered trademarks and/or trademarks of their respective owners.

Design rule for Camera File System (DCF)

The standards for camera file systems referred to in this manual are the "Design Rule for Camera File System/DCF" standards stipulated by the Japan Electronics and Information Technology Industries Association (JEITA).

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Unpacking the box contents

Digital Camera	Strap	Picture card (xD-Picture Card)

LI-10B lithium ion battery	LI-10C battery charger	Remote control

USB cable	AC cable for the charger	A/V cable

CD-ROM (CAMEDIA Master/ Reference Manual)	Basic manual	Warranty card	Registration card

* The QuickStart Guide is also included in the Digital camera package.

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For safe use of your camera

Various symbols are used to warn of hazards to yourself and others and prevent damage to property through misuse of the camera. The symbols and their meanings are explained below.

⚠ Danger	This symbol indicates that failure to observe the instructions will likely result in serious injury or possibly even death.
⚠ Warning	This symbol indicates that failure to observe the instructions may result in serious injury or possibly even death.
⚠ Caution	This symbol indicates that failure to observe the instructions may result in injury or damage to property.

Precautions when handling the camera

⚠ Danger

- **Do not use in the presence of flammable or explosive gas.** Do not use the camera if there is the possibility of the presence of such gases in the air as this could result in fire or explosion.
- **Do not attempt to disassemble or modify the camera.** Such action could lead to electric shock or injury.

⚠ Warning

- **Do not fire the flash close to your subject's eyes (particularly in the case of young children).** Using the flash at close range could cause visual impairment.
- **Keep out of the reach of children.** Care should be taken to prevent the following accidents.
  - Strangulation caused by wrapping the strap round the neck.
  - Swallowing of small items such as the card. If this happens, seek medical attention immediately.
  - Visual impairment caused by the flash being fired at close range.
  - Injury caused by the camera's operating parts.
- **Do not look at the sun or strong light through the viewfinder.** This could cause visual impairment.
- **Do not use or store the camera for a long time in an environment where there is a lot of dust, dampness, smoke or steam.** This could result in fire or electric shock.
- **Do not cover the flash with your fingers when using the flash.** Touching the flash during firing or after successive firing could result in burns.
- **Do not let any water or other foreign object get inside the camera.** Should the camera be dropped in water or water get into the internal parts, it could result in fire or electric shock. Remove the battery immediately and contact your nearest dealer or Olympus service center.

⚠ Caution

- Should you notice smoke or an unusual smell or noise, stop using the camera immediately, remove the battery taking care to avoid burns, and contact your nearest dealer or Olympus service center. Continued operation could result in fire or burns. (Remove the battery outdoors, away from anything combustible, and avoid touching it with your bare hands.)

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● Be careful with the strap when carrying the camera as it can easily catch on stray objects, causing injury or damage.
● Do not leave the camera in places of high temperature. Avoid touching the battery with your bare hands when replacing it, as it may cause burns.
● Use only the specified AC adapter. Use of an unauthorized adapter may result in damage or malfunction of the camera or power source, leading to accidents. Olympus is not responsible for any damages arising from use of an unauthorized adapter.
● Avoid touching the metal parts on the outside of the camera for long periods of time. The camera becomes hot during continued use and prolonged contact with the metal parts may result in low temperature burns. When exposed to low temperature, the temperature of the camera exterior will also drop. This may cause injury by the skin adhering to the camera. To avoid low temperature burns or injury, wear gloves when handling the camera.

Conditions for use of the camera

● This camera contains precision electronic parts. Avoid using or leaving the camera for long periods of time in the following places as this could result in failure or malfunction.
  • Places of high temperature and high humidity or where the temperature and humidity fluctuate greatly, such as in direct sunlight, on the beach in summer, in a car with the windows closed, or next to air conditioning equipment or a humidifier
  • Places where there is a lot of sand, dust or dirt
  • Near fire
  • Near water
  • Places that are subject to considerable vibration
● Avoid dropping or hitting the camera or subjecting it to severe vibration or impact.
● Do not take pictures or leave the camera with the lens aimed directly at the sun.
● If the camera is subjected to a sudden temperature change, for example by bringing it from a cold place into a warm room, condensation may form on the inside. Place the camera in a plastic bag until the temperature difference has subsided.
● If the camera is left unused for a long period of time, mold may form, causing failure or malfunction. We recommend that you check that the camera is still working properly before using it.

Precautions regarding the monitor

● Do not apply excessive pressure to the monitor as this may cause smears, prevent pictures from being played back properly or damage the monitor. Should the monitor break, avoid getting any of the liquid crystal in your mouth. If it gets on your hands or feet or on your clothing, wash it off immediately with soap and water.
● Lines, like strips of light, may appear at the top or bottom of the monitor, but this is not a malfunction.
● When photographing an oblique subject, the subject may appear on the monitor with ragged edges, but this is not a malfunction. The ragged edges will disappear when the picture is played back.
● In general, the lower the temperature, the longer it takes the monitor to turn on. Pictures may also appear temporarily discolored. Keep the camera warm when taking pictures in a cold region. Performance of the monitor may deteriorate in low temperatures, but will be restored when the camera is returned to normal temperatures.

Read this first

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For safe use of your camera

● **The latest high precision technology has gone into the making of the camera's monitor, but there are some pixels which are permanently lit or which do not light at all. These pixels do not affect the recorded picture. Also, depending on the angle at which the monitor is viewed, the colors and brightness may appear uneven, but this is due to the structure of the monitor and is not a malfunction.**

Precautions for handling the charger

⚠ Danger

● **The charger should not be used where it may come in contact with water** and it should never be connected or disconnected with wet hands.
● **Do not cover the charger with anything** such as a cloth or blanket when in use as this may cause overheating, resulting in fire.
● **Do not attempt to disassemble or modify the charger.** Such action could lead to electric shock or injury.
● **Use the charger at the specified voltage.** Use at any other voltage could result in fire, explosion, emission of smoke, overheating, electric shock or burns.

⚠ Warning

● **Prolonged contact with the charger during use** could result in low temperature burns.
● **Do not damage the AC cable for the charger by pulling it and do not attempt to extend it**. Always disconnect the cable by removing the plug and not by pulling the cable. Discontinue use of the charger immediately in the event of the following and contact your nearest dealer or Olympus service center.
   ・ If the plug or cable is hot, there is a smell of burning, or smoke is emitted.
   ・ If the cable is damaged or ruptured or the plug connection is faulty.

⚠ Caution

● Do not charge the battery continuously for over 24 hours. If the battery is not fully charged when the charging time has elapsed, discontinue charging.
● Before cleaning the charger, unplug the AC cable from the wall outlet. Failure to do so could result in electric shock or injury.

Precautions when handling the battery

⚠ Danger

● **Keep the battery out of the reach of children.**
● **Do not expose the battery to fire or excessive heat as this could result in fire or explosion.**
● **Do not use or leave the battery in places of high temperature such as in strong sunlight, inside a car under a blazing sun or in front of a heater** as this could result in fire or explosion.
● **Do not attempt to directly solder the battery, change its shape, modify it or disassemble it as this could damage the terminal safety valve or cause the battery to leak.**

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● **Do not bring the plus or minus terminals into contact with anything metal.** Do not transport or store the battery with metal objects such as necklaces or hairpins.
● **Should battery fluid get in your eyes, wash your eyes immediately with clean water and do not rub them.** Seek medical attention immediately as blindness could result.

⚠ Warning

● **Do not expose the battery to water or immerse it in water or in the sea.**
● **Do not expose the battery to strong impacts or damage.**
● **Discontinue use immediately should you notice anything unusual such as leakage, discoloration or deformation.**
● **If battery fluid gets on your skin or clothing, wash immediately in clean water as the fluid could cause harm.**

⚠ Caution

● The battery is exclusively for use in Olympus digital cameras. Do not use in any other equipment.
● Dirt on the **plus or minus** terminals may cause contact failure. Wipe with a dry cloth.
● The battery becomes hot after prolonged use of the camera. Do not attempt to remove it immediately as this could result in burns.
● In general, as the temperature falls, battery performance also temporarily deteriorates. When taking pictures in cold regions, keep the camera warm by putting it inside your coat or clothing. Performance of the battery may deteriorate in low temperatures, but will be restored when the camera is returned to normal temperatures.
● Repeated recharging leads to gradual deterioration in the performance of the battery. When the working time of the battery starts getting shorter even though it has been charged for the specified length of time, the battery can be regarded as having reached the end of its serviceable life. When this happens, replace it with a new battery.
● Used batteries are a valuable resource. Cover the **plus and minus** terminals with tape and take the battery to an electrical shop for recycling.

Precautions for handling the picture card

● The picture card is a precision electronic device. Do not bend it or subject it to impact and keep it away from static electricity. The data stored on the picture card is saved in a nonvolatile semiconductor memory, but it can be accidentally destroyed.
● Do not expose the picture card to water or leave it where there is a lot of dust.
● Avoid using or storing the card in places of high temperature and high humidity.
● Avoid using near heat-generating or combustible materials.
● Fingerprints or dirt on the picture card contacts may prevent correct reading/writing of data. Wipe the contacts gently with a soft dry cloth.
● The picture card is a consumable item. After long use, writing to the picture card and erasing of data no longer becomes possible. When this happens, replace it with a new card.
● Olympus is not responsible for any damage to data saved in other media or loss of data stored on the card.

Read this first
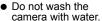
Weatherproof feature
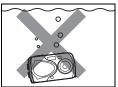
This camera is weatherproof, but it cannot be used underwater. Observe the following precautions when using the camera.

Olympus will not assume any responsibility for malfunction of the camera caused by water getting inside as a result of misuse by the user.

The camera is weatherproof and is not damaged by water spray from any direction.

● Do not wash the camera with water.

● Do not drop the camera into water.
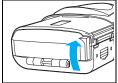
● Do not take pictures underwater.

● **Water may get inside the camera if the battery compartment cover, connector cover or DC-IN jack cover are in the following conditions.**
  ① The cover is not firmly closed.
  ② The rubber packing is cracked or peeling.
  ③ Dust or sand is sticking to the rubber packing.

● **Firmly close the battery compartment cover.**

● **Firmly close the connector cover.**

● **Firmly close the DC-IN jack cover.**

● If the camera gets splashed, wipe the water off as soon as possible with a dry cloth.
● If the rubber packing becomes worn or damaged, contact your nearest Olympus service center. (A charge is made for replacement of parts.)
● The rechargeable battery and other camera accessories are not weatherproof.

Attaching the strap

1 Thread the strap through the strap eyelet as shown.

2 Pull the strap tight, making sure that it is securely fastened and does not come loose.

Preparations

⚠ Caution

- Do not swing the camera around by the strap or pull the strap with excessive force as this may cause the strap to break.
- Attach the strap correctly so that it does not come off. Olympus is not responsible for any damages if the strap is attached incorrectly and the camera is dropped.

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Charging the battery
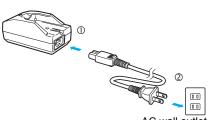
This camera uses an Olympus lithium ion battery (LI-10B). Do not use any other type of battery.
The battery is not fully charged when the camera is purchased. Fully charge the battery before first use.

Charging time	Approx. 2 hours
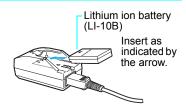
1 Plug in the AC cable in the sequence indicated by ① and ②.

AC wall outlet
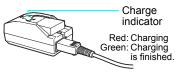
2 When the battery is set in the battery charger, the red lamp lights and charging begins. Charging is finished when the lamp on the battery charger turns green.

Lithium ion battery (LI-10B)

Insert as indicated by the arrow.

⚠ Caution

● Use only the specified charger.
● We recommend that you keep a spare battery (sold separately) with you if you are planning to use the camera for long periods or in a cold region.

Charge indicator

Red: Charging
Green: Charging is finished.

● The charger can be used within the range of AC100V to AC240V (50/60Hz). When using the charger abroad, you may need a plug adapter to convert the plug to the shape of the electrical outlet. For details, ask at your local electrical shop or travel agent.
● Do not use voltage converters sold in stores traveling overseas as this could damage your charger.

Preparations Before operating your camera

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Loading and removing the battery

This camera uses an Olympus lithium ion battery (LI-10B).
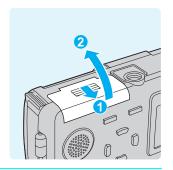
Check the following items before loading or removing the battery:

① The lens barrier is closed.

② The lamps on the right of the viewfinder are off.

③ The monitor is off.

Loading the battery

1 Slide the battery compartment cover in the direction of ① and lift up in the direction of ②.
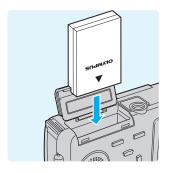
2 Insert the battery into the bottom of the camera as shown.

? Tips

● If the battery is not correctly inserted, the battery compartment cover will not close.

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● ●

3

Close the battery compartment cover as indicated by the arrows ① ②.

Tips

● Do not force the cover. The compartment cover closes easily when the battery is properly oriented. If the cover does not close easily, check the orientation of the battery.

● The number of pictures that can be taken with the camera when the new battery is fully charged is shown below.

Number of storable pictures	Minimum about 150

Measuring was conducted under the following conditions.
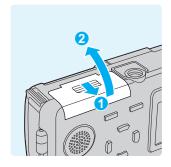
• 2 pictures taken in succession → No operation performed for 10 minutes → 2 pictures taken in succession → No operation performed for 10 minutes (in a repeated cycle).

• Room temperature 25ºC (77ºF) / Image quality: HQ / Monitor on and flash 50% / DIGITAL ZOOM: OFF / No playback or connection to a computer

Caution

● If the camera is left for about a day with the battery removed, the date and time settings will revert to the factory default settings.

● Power is consumed continuously during the conditions described below. This may drain the battery power more quickly.

• When the monitor is on for long periods.

• Repeated zoom adjustments.

• Repeated auto-focus by depressing the shutter button halfway.

• When the camera is connected to a computer by USB cable.

Preparations   Before operating your camera

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Removing the battery

1

Slide the battery compartment cover in the direction of ① and lift up in the direction of ②.

2

Remove the battery.

⚠ Caution
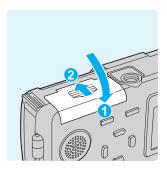
● Do not open the battery compartment cover with the camera facing down, as the battery will fall out and may become damaged.

3

Close the battery compartment cover as indicated by the arrows ① ②.

Preparations Before operating your camera

Inserting and removing the picture card

This camera stores image data on an xD-Picture Card. No pictures can be taken unless a card has been inserted in the camera.

Make sure that
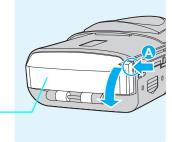
① The lens barrier is closed.

② The lamps on the right of the viewfinder are off.

③ The monitor is off.
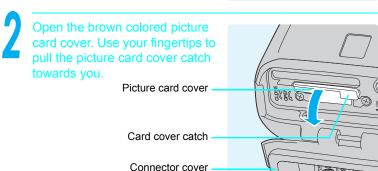
Inserting the card

1
Press down firmly at the point indicated by the arrow labeled Ⓐ. While pressing, pull connector cover open.

Connector cover

2
Open the brown colored picture card cover. Use your fingertips to pull the picture card cover catch towards you.

Picture card cover

Card cover catch

Connector cover

● ●

3

Insert the card into the spring-loaded card slot as shown.
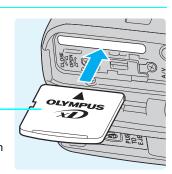
The card will lock into place when fully inserted.

? Tips

● Push the card in as far as it will go.
● To remove the card, press it in again to eject it.

Card

4

Close the picture card cover before closing the connector cover.
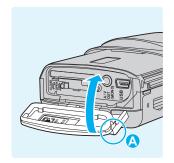
5

Close the connector cover while pressing Ⓐ in the direction indicated by the arrow.

? Tips

● If the connector cover does not fully close, check that the brown picture card cover is closed.

Preparations   Before operating your camera

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Removing the card

1 Open the connector cover and then open the picture card cover.

2 Push the card all the way in to unlock it, then let it return slowly.

The card will be ejected.

> ⚠ **Caution**
>
> ● Releasing your finger quickly after pushing the card in may cause it to eject forcefully out of the slot.

3 Remove the card.

> ⚠ **Caution**
>
> ● Do not push the card in with a hard or pointed item such as a ballpoint pen.
> ● Never open the picture card cover while the camera is turned on. Such action could destroy all the data on the card. Once destroyed, data cannot be restored.

Preparations Before operating your camera

Power on/off

The camera can be turned on in "shooting mode", "playback mode" or
"computer connection mode".

? Tips

- Do not do any of the following while the camera is turned on. Such actions could
  destroy all the data on the card. Once destroyed, data cannot be restored.
  - Open the picture card cover or the battery compartment cover.
  - Connect or disconnect the AC adapter.

When taking pictures (Shooting mode)

Turn the camera on.
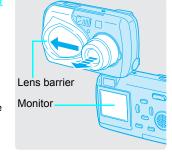
➔ Open the lens barrier by sliding it
  in the direction of the arrow.

  The lens extends and the subject is
  displayed on the monitor.

  ? Tips

  - If the lens does not extend, make sure
    that the lens barrier is fully open.
  - To save battery power, the camera
    automatically enters the sleep mode
    and stops operation after about 3
    minutes of non-operation. After another
    15 minutes, the lens will automatically
    retract. Press the ▶ to activate the
    camera again.

Lens barrier

Monitor

Turn the camera off.

➔ Move the lens barrier slightly in
  the direction of the arrow. The
  lens will begin retracting. Once
  the lens has fully retracted, close
  the lens barrier.

Lens barrier

  The monitor turns off.

Preparations Before operating your camera

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• •

⚠ Caution

● When closing the lens barrier, do not press the lens barrier hard against the lens as this could damage the lens or cause malfunction.

When viewing pictures (Playback mode)

Turn the camera on.

➤ Press the ▶.

The picture you have just taken is displayed.

💡 Tips

● To save battery power, the camera automatically turns off after about 3 minutes of non-operation.
● If the ▶ is pressed while the lens barrier is open (shooting mode), the camera will enter playback mode.

Turn the camera off.

➤ Press ▶ again.

The monitor turns off.

💡 Tips

● When the lens barrier is opened, the camera returns to the shooting mode.

When connecting the camera to the computer

Turn the camera on.

➤ ☞ "Connecting the camera to the computer" (P.48)

Turn the camera off.
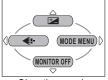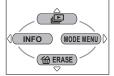
➤ ☞ "Disconnecting the camera from your computer" (P.60)

Menu operations

The screen that appears on the monitor when you turn the camera on and press the OK button is called the "First menu". There are three first menus, one for the shooting mode, playback mode (still picture) and playback mode (movie).
Use the arrow pad to select a menu on the first menu and press the OK button.
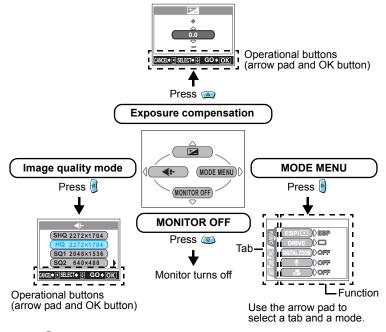
Shooting mode | Playback mode (still picture) | Playback mode (movie)

● The shooting mode screens will be used here to explain how to use the menus.

Preparations

Operational buttons
(arrow pad and OK button)

Press ▲

Exposure compensation

Image quality mode

Press ◀

MODE MENU

Press ▶

MONITOR OFF

Press ▼

Monitor turns off

Tab

Function

SHQ 2272×1704
HQ 2272×1704
SQ1 2048×1536
SQ2 640×480

Operational buttons
(arrow pad and OK button)

Use the arrow pad to select a tab and a mode.

ESP/□ ▶ ESP
DRIVE ▶ □
DIGITAL ZOOM ▶ OFF
🎤 ▶ OFF
🌷 ▶ OFF

Tips

● See ☞ P.63 for the Menu List.
● To cancel the menu display, press the OK button again.

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Selecting your language for on-screen display (👄📇)
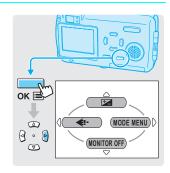
You can select the language in which the menus and error messages are displayed on the monitor.

Preparations Camera settings

1 Open the lens barrier and press the OK button.

The first menu is displayed.

Press ▷ to go to the MODE MENU.
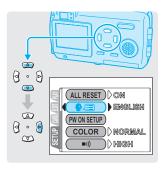
2 Press ▲ or ▼ to select the SETUP tab.

Press ▷ to go to the SETUP menu.

3 Press ▲ or ▼ to select 👄📇.

Press ▷ to go to the language settings.

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4 Press ⊕ or ⊕ to select the language you want to use.


```
ENGLISH
FRANCAIS
DEUTSCH
ESPAÑOL
SELECT⊕    GO➔ OK
```
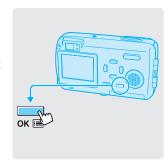
5 Press the OK button.

The selected language is set.

Press the OK button again to exit the menu.

OK

Preparations Camera settings

Setting the date and time (🕐)
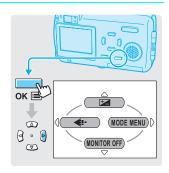
Set the date and time before you use the camera. This feature is handy when managing pictures on a computer or printing pictures.

1 Open the lens barrier, or press the ▶ and then the OK button.

The first menu is displayed.
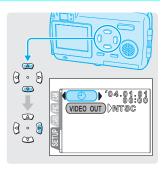
Press ▷ to go to the MODE MENU.

2 Press ▲ or ▼ to select the SETUP tab.

Press ▷ to go to the SETUP menu.

ALL RESET ▷ ON
🌐📋 ▷ ENGLISH
PW ON SETUP
COLOR ▷ NORMAL
🔊 ▷ HIGH

3 Press ▲ or ▼ to select 🕐.

Press ▷ to go to the date setting.

🕐 ▷ '04.01.01 00:00
VIDEO OUT ▷ NTSC

26
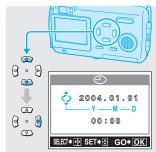
4 Press ◎ or ◎ to select one of the following date formats: Y-M-D (Year/Month/Day), M-D-Y (Month/Day/Year), D-M-Y (Day/Month/Year).

Press ▷ to go to the year field.

? Tips

● The following steps show the procedure used when the date format is set to Y-M-D.

⌚

2004.01.01
Y ─── M ─── D

00 : 00

SELECT◆◁▷ SET◆▽△ GO◆OK
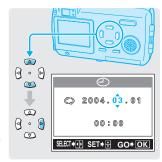
5 Press ◎ or ◎ to set each of the last two digits of the year. Press ▷ to go to the month field.

Repeat the above steps to set the time.

? Tips

● The time is displayed in 24-hour format. For example, 1:00 p.m. is displayed as 13:00.

⌚

2004.03.01

00 : 00

SELECT◆◁▷ SET◆▽△ GO◆OK

6 Press the OK button.

Press the OK button again to exit the menu.

? Tips
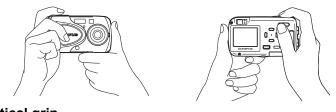
● For a more accurate setting, press the OK button when the time hits 00 seconds. The clock starts when you press the button.

● If the camera is left for about a day with the battery removed, the date and time settings will revert to the factory default settings.

OK

⌚

2004.03.17

15 : 30

SELECT◆◁▷ SET◆▽△ GO◆OK

Preparations Camera settings

27
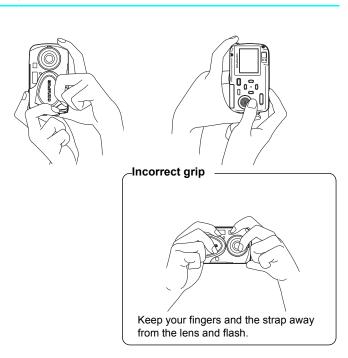
Holding the camera correctly

When taking pictures, hold the camera firmly with both hands while keeping your elbows at your sides to prevent the camera from moving. It may cause camera movement, extending your arms or not keeping your elbows at your sides.

Horizontal grip

Vertical grip

Incorrect grip

Keep your fingers and the strap away from the lens and flash.

Taking still pictures

28
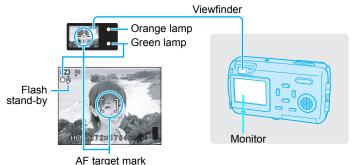
Taking still pictures

The following section describes how to take pictures using the monitor.
Shutter button operation is the same as when taking pictures using the
viewfinder.

Viewfinder

Orange lamp

Green lamp

Flash stand-by

Monitor

AF target mark

HQ 2272×1704

☞ "Green and orange lamps and flash stand by indication" (P.213)

1 Open the lens barrier.

When power is turned on, the lens
extends, the monitor turns on, and
the camera enters shooting mode.

? Tips

● If the lens fails to extend, the lens
barrier may not be completely open.

Lens barrier

Monitor

2 Confirm on the monitor that the battery check indication is 🔋 (green).

The battery check indication only appears for the first 10 seconds after turning on the camera.

Monitor

Battery check

HQ 2272×1704

● **Battery check**

The battery check indication changes as follows.

🔋 Lights (Green) Pictures can be taken.

🔋 Lights (Red) The battery is running low. Replace with a charged battery or charge the battery.

Monitor turns off
Green lamp and orange lamp blink The battery is exhausted. Replace with a charged battery or charge the battery.

3 Place the AF target mark on the subject.

The number of remaining pictures is displayed on the monitor.

AF target mark

HQ 2272×1704

Number of remaining pictures

❓ Tips

If the monitor is hard to see:
● Bright light, such as direct sunlight, may cause vertical lines to appear on the monitor screen. In this case, use the viewfinder.
● When you point the camera lens toward a bright subject, smears (lines like beams of light) may appear on the image in the monitor. This does not affect recorded pictures.

4 Press the shutter button gently, and keep the button half pressed.

The focus and exposure are locked and the green lamp lights steadily.

Orange lamp

Green lamp

Tips

● When the flash is going to fire, the orange lamp lights.
● If the green lamp blinks (when closer than 50 cm (19.7 in.) from the subject), this means that the focus is not yet locked. Press the shutter button again gently.

5 Press it all the way (fully) to take the picture.

The picture is stored on the card.

Tips

● The orange lamp blinks while the picture is being stored on the card.
● To view the picture you have just taken, press ▶ (☞ P.40).

● **Memory gauge**
The memory gauge lights up when you take a picture. While the gauge is lit, the camera is storing the picture on the card. When the memory gauge is fully lit (as shown on right), no more pictures can be taken. Wait until the gauge turns off before taking the next picture.

HQ 2272×1704

Memory gauge

6 The power turns off when the lens barrier is closed.

Taking still pictures Shooting

31

Changing shooting modes

There are ten shooting modes to choose from on this camera. To easily create the effects you want, simply select the mode best suited to your picture. ☞ "Shooting modes" (P.33)

Tips

● Until you become familiar with the camera, it is recommended that PROGRAM AUTO be used to take pictures.

1

Press 🔲 in shooting mode.

The virtual dial screen for selecting the shooting mode is displayed.

Virtual dial screen

2
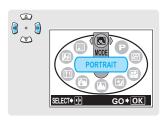
Press 🔲 or 🔲 to select shooting mode, and press the OK button.

The selected shooting mode is set.

Tips

● The shooting mode will change and the virtual dial screen will disappear automatically after three seconds even if the OK button is not pressed.

Taking still pictures

● ●

Shooting modes

● P (PROGRAM) AUTO

All you need to do is press the shutter button. The camera selects the optimal settings.

● PORTRAIT 🔲

Suitable for taking a portrait-style shot of a person. Ideal for capturing accurate skin tones.

● LANDSCAPE + PORTRAIT 🔲

Suitable for taking photos of both your subject and the landscape.

● LANDSCAPE 🔲

Lets you take clear and sharp pictures of distant scenery. Creates a very broad depth of field to keep the entire view in focus.

● NIGHT SCENE 🔲

Suitable for taking pictures of night views such as illuminated buildings.

🔲 **Tips**
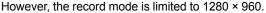
● The maximum shutter speed is not fixed at 1/30 seconds even when the flash is activated and may be extended up to 4 seconds depending on the subject and the shooting conditions. The use of a tripod is recommended to prevent your pictures from being blurred by camera movement when the shutter speed is slow.

Taking still pictures Settings suited to situation and purpose

33

● ●

● INDOOR 🖼

The flash is set to reach farther away for taking pictures indoors. [W:Approx. 5.1m (16.7ft): T:Approx. 2.8m (9.2ft)]

However, the record mode is limited to 1280 × 960.

● BEACH & SNOW 🏖

Suitable for taking pictures at a beach or in snow. Lets you take beautiful pictures of scenery with white sand or snow.

● CUISINE 🍴

Lets you take beautiful pictures of food. The saturation, sharpness and contrast settings are increased to take sharp, vivid pictures of the subject.

● SELF-PORTRAIT 👥

Enables you to take a picture of yourself while holding the camera.

> **Tips**
>
> ● The optical zoom and digital zoom are locked at the W position and cannot be used while in self-portrait mode.
> ● Spot metering is not available in this mode.

● MOVIE 🎬

Lets you record movies.
☞ Reference Manual P.119 (CAMEDIA Master CD-ROM)

Taking still pictures Settings suited to situation and purpose

34

Using the zoom

This camera can shoot at 3× magnification.
Press the zoom button to set shooting range and composition.

Press the zoom button in shooting mode.

Press and hold the T side of the zoom button to zoom in on a distant object. (Telephoto)

Press and hold the W side of the zoom button to zoom out and obtain a broader view. (Wide-angle)

Zoom button

Taking still pictures Settings suited to situation and purpose

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Using the flash ($\frac{1}{2}$)

The camera is initially set to Auto-flash, but you can select from the following four flash modes according to the shooting conditions.

Auto-flash (Factory default setting)

The flash fires automatically in low light or backlight conditions.

⊙Red-eye reduction flash

The light from the flash may make the subject's eyes appear red in pictures taken in dark places. The red-eye reduction flash mode reduces this phenomenon by emitting pre-flashes before firing the regular flash. This helps accustom the subject's eyes to the bright light and minimizes the red-eye phenomenon.

⚠ Caution

● After the pre-flashes, it takes about 1 second until the picture is taken. Hold the camera firmly to avoid camera movement.
● Effectiveness may be limited if the subject is not looking directly at the pre-flashes, or if the shooting range is too far. Individual physical characteristics may also limit effectiveness.

⚡Fill-in flash

The flash fires regardless of the available light. This mode is useful for eliminating shadows on the subject's face (such as shadows from tree leaves), in a backlight situation, or for correcting the color shift produced by artificial lighting (especially fluorescent light).
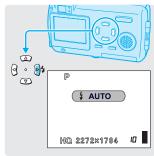
⚡Flash off

The flash does not fire even in low-light conditions. Use this mode in places such as art museums where flash photography is prohibited.

⚠ Caution

● Since a slow shutter speed is automatically selected in low light situations when in the flash off mode, the use of a tripod is recommended to prevent your pictures from being blurred by camera movement.

Taking still pictures Settings suited to situation and purpose

36

1 Press � repeatedly in shooting mode to change the flash setting.

The flash mode indication is displayed on the screen when a flash mode other than auto-flash is selected.

flash mode indication

2 The flash settings change in the order of the arrow. After "Flash off", the setting returns to "Auto flash".

● **Flash working range**
The appropriate shooting distance when using the flash is shown below.

| Shooting distance (W) | 0.2 to 3.6 m (0.7 to 11.8 ft.) |
| Shooting distance (T) | 0.2 to 2.0 m (0.7 to 6.6 ft.) |

● **Flash charging time**
The orange lamp blinks while the flash is charging.

| Flash charging time | Approx. 6 seconds |

Taking still pictures Settings suited to situation and purpose

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Changing the image size and quality ( )

This function lets you select the image size and quality when recording pictures on the card. It is best to choose the size and quality according to the purpose. The camera is preset to HQ mode.

Record mode	Quality	Resolution		Usage examples
SHQ	Detailed	2272 × 1704 (Low compression)	Large	For making large prints or editing on a computer.
HQ	Normal	2272 × 1704 (Below standard compression)		For printing in postcard size.
SQ1		2048 × 1536		For printing 3" × 5" prints.
SQ2		1600 × 1200		For small prints, posting on the Internet or attaching to e-mail.
		1280 × 960		
		1024 × 768		
		640 × 480	Small	

● **Picture card capacity and number of storable still pictures**

Record mode / Card capacity	SHQ	HQ	SQ1	SQ2			
				1600 × 1200	1280 × 960	1024 × 768	640 × 480
16MB	5	16	20	24	38	58	99
32MB	11	33	40	49	76	117	199
64MB	22	66	81	99	153	234	398
128MB	45	133	163	199	307	469	798
256MB	90	266	326	399	614	940	1598
512MB	181	532	652	798	1229	1879	3195

Tips
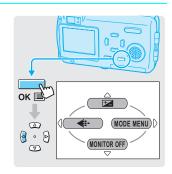
● The number of storable pictures listed in the table is approximate.

● The number of remaining pictures may change according to the subject or factors such as whether print reservations have been made. The number of remaining pictures sometimes does not change even when a picture is taken or a stored image is erased.

● Recording sound with still pictures reduces the number of pictures you can take.

Taking still pictures Settings suited to situation and purpose

1 Press the OK button in shooting mode.

The first menu is displayed.

Press ◄ to go to the record mode settings.

2 Press ▲ or ▼ to select SHQ, HQ, SQ1 or SQ2.
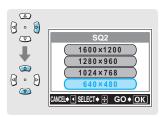
If you selected SHQ, HQ or SQ1, go to ☞ step 4.

If you selected SQ2, go to ☞ step 3.

SHQ 2272×1704
HQ 2272×1704
SQ1 2048×1536
SQ2 640×480

CANCEL◆ ◄ SELECT◆ ⊞ GO ◆ OK

3 Press ▷ to display the SQ2 setup screen.
Press ▲ or ▼ to choose an image size and press the OK button.

SQ2
1600×1200
1280×960
1024×768
640×480

CANCEL◆ ◄ SELECT◆ ⊞ GO ◆ OK

4 Press the OK button.

The selected record mode is set.

OK

Taking still pictures Settings suited to situation and purpose

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Playback

When the playback mode is activated, the last picture taken is displayed on the monitor. Press the arrow pad to change the picture.

1 Press the ▶.
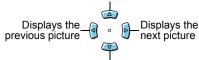
Playback mode is selected and the last picture taken is displayed on the monitor. (QUICK VIEW)

QUICK
VIEW ▶
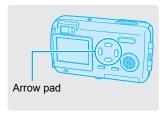
2 Pressing the arrow pad while playback switches the picture.

Jumps to the picture
10 frames back

Displays the
previous picture

Displays the
next picture

Jumps to the picture
10 frames ahead

Arrow pad

? Tips

● If the lens barrier is opened and ▶ is pressed in shooting mode, causing the playback mode to be selected, the following operations can be used to return to shooting mode.
  Press ▶, or press the shutter button halfway

3 Pressing the ▶ exits playback mode.

QUICK
VIEW ▶

? Tips

● The power turns off when the lens barrier is closed.
● When the lens barrier is opened, the camera enters the shooting mode.

Viewing still pictures

40

Single-frame erase (🗑)

Digital cameras let you erase pictures that you do not want to keep. When you erase an unwanted picture, the number of pictures you can take increases.

⚠ Caution

● Once erased, pictures cannot be restored.
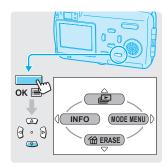
1 While in playback mode, display the picture you want to erase.

☞ "Playback" (P.40)

2 Press the OK button.

The first menu is displayed.

Press 🔽 to select 🗑 ERASE.

3 Press 🔼 to select YES.
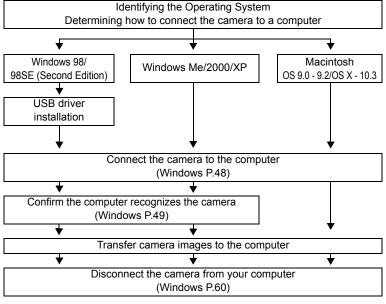
Press the OK button.

The picture displayed on the monitor is erased.

Viewing still pictures

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Operating procedure

You can transfer images from the picture card in the camera to your computer by connecting the camera to the computer with the supplied USB cable. Depending on the Operating System of your computer, you may have to configure your computer before connecting it to the camera. Follow the steps below.

```
┌─────────────────────────────────────────────────────────────┐
│          Identifying the Operating System                    │
│  Determining how to connect the camera to a computer         │
└─────────────────────────────────────────────────────────────┘
         │                    │                    │
         ▼                    ▼                    ▼
┌──────────────────┐ ┌──────────────────┐ ┌──────────────────┐
│ Windows 98/      │ │                  │ │ Macintosh        │
│ 98SE (Second     │ │ Windows Me/2000/ │ │ OS 9.0 - 9.2/    │
│ Edition)         │ │ XP               │ │ OS X - 10.3      │
└──────────────────┘ └──────────────────┘ └──────────────────┘
         │                    │                    │
         ▼                    │                    │
┌──────────────────┐          │                    │
│ USB driver       │          │                    │
│ installation     │          │                    │
└──────────────────┘          │                    │
         │                    │                    │
         ▼                    ▼                    │
┌─────────────────────────────────────────┐        │
│      Connect the camera to the computer  │        │
│            (Windows P.48)                 │        │
└─────────────────────────────────────────┘        │
         │                    │                    │
         ▼                    ▼                    │
┌─────────────────────────────────────────┐        │
│  Confirm the computer recognizes the     │        │
│  camera (Windows P.49)                    │        │
└─────────────────────────────────────────┘        │
         │                    │                    │
         ▼                    ▼                    ▼
┌─────────────────────────────────────────────────────────────┐
│         Transfer camera images to the computer               │
└─────────────────────────────────────────────────────────────┘
         │                    │                    │
         ▼                    ▼                    ▼
┌─────────────────────────────────────────────────────────────┐
│        Disconnect the camera from your computer              │
│                   (Windows P.60)                             │
└─────────────────────────────────────────────────────────────┘
```

⚠️ **Caution**

Normal operations cannot be guaranteed on computers with the following Operating Systems and specifications, even when equipped with a USB connector.

- Windows 95/NT 4.0
- Windows 98/98SE when upgraded from Windows 95
- Macintosh OS 8.6 or lower
  (However, operations have been confirmed for Macintosh OS 8.6 originally shipped with a USB connector and USB MASS Storage Support 1.3.5.)
- Computer with an add-on USB connector on an expansion card, etc.
- Computers without a pre-installed Operating System or a self-built computer

● ●

!Caution

- When using the camera connected to the computer, be sure that the camera has sufficient battery power. Note that the camera's battery will continuously discharge (use energy) when connected (communicating) with a computer. If the battery becomes exhausted, the camera will stop operating. If the camera stops operating, the computer may malfunction and the image data (files) being transferred may be lost. Please keep this in mind when the camera is connected to the computer for extended periods. Use of the AC adapter (sold separately) is recommended when using the camera with a computer.
- If the AC adapter is removed when the camera is connected to the computer and powered by the battery, the image data on the picture card may be lost and the computer may malfunction. Before removing the AC adapter, be sure to first disconnect the camera from the computer and turn off the camera.
- If the camera is connected to the computer via a USB hub, reliable operation cannot be guaranteed. If a malfunction should occur, connect the camera directly to the computer without using the USB hub.
- Be sure to copy an image to the computer before editing the image. Depending on the application software used, editing an image (such as rotating) on the picture card may corrupt the file data on the picture card.

?Tips

- Images transferred to the computer can be viewed using graphic software, such as CAMEDIA Master, Paint Shop Pro or Photoshop, Internet browsing software, such as Netscape Communicator or Microsoft Internet Explorer, or a similar JPEG-compatible application software. For information on using commercially-available image editing software, please refer to the instruction manual of that software.
- To play back movies on your computer, you will need to have QuickTime installed. QuickTime is provided on the supplied CD-ROM.

Before using your computer

Creating and sharing images using a computer

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Identifying the operating system

To determine the available methods for transferring images from the camera to your computer, you must first identify the operating system (OS) of your computer.

☞For Macintosh users, see the Reference Manual P.156 (CAMEDIA Master CD-ROM)

Windows

1 Right click the "My Computer" icon on your desktop and select "Properties". For users running Windows XP, right click "My Computer" from the Start menu and select "Properties".

2 Note and record the "System" (Operating System) information.

Determining how to connect the camera to a computer

Select one of the following three methods for connecting the camera to the computer.

1. Using the provided USB cable to connect the camera to your computer.
   ☞ "Windows" (P.48)
   ☞ For Macintosh users, see the Reference Manual P.170 (CAMEDIA Master CD-ROM)

2. Inserting and using the optional computer card adapter (such as the Olympus MAPC-10) in your computer. ☞ For details, refer to the instruction manual of the computer Card adapter.

3. Inserting and using the optional USB card reader/writer (such as the Olympus MAUSB-10) to connect to your computer. ☞ For details, refer to the instruction manual of the USB reader/writer.

	1 USB cable	2 Computer Card adapter (sold separately)	3 USB reader/writer (sold separately)
Windows Me/2000/XP	✓	✓	✓
Windows 98/98SE	✓	✓	✓
Windows NT 4.0	–	–	–
Windows 95	–	✓	–
Macintosh 9.0 to 9.2, 10.1 to 10.3	✓	✓	✓
Macintosh 8.6 or lower	–	✓	✓

Tips

● See the Olympus Web site for details about the optional Card adapter and USB reader/writer.
   ☞ http://www.olympus.com

Installing the USB driver (When using Windows 98/98SE)

If your Operating System is Windows 98/98SE, you must install the USB driver before connecting the camera to your computer for the first time.
Follow the instructions below to install the USB driver in your computer. Once it is fully installed, you do not need to repeat the procedure again.

1 Insert the provided software CD into the CD-ROM drive of your computer.

2 Click the "USB Driver" button.

Tips

If this window does not display automatically, perform the following steps.
1. Double click the "My Computer" icon on your desktop.
2. Right click the CD-ROM icon and click "Open".

3 Click "Continue".

The installation of the USB driver will start.

4 When the installation is complete, the window on the right is displayed. Click "OK" to restart your computer.

Connecting the camera to the computer

Use the provided USB cable to connect the camera to the computer.
Users running Windows 98/98SE need to install the USB driver before
connecting the camera to the computer.
☞ "Installing the USB driver" (P.46)
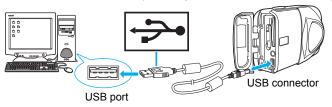
1 Turn the computer on. Make sure that the camera is off (the lens barrier should be closed and the monitor turned off).

2 Connect one end of the USB cable to the USB port on the computer.
Connect the other end of the USB cable to the USB connector on the camera.

The camera turns on automatically and the green lamp next to the viewfinder lights.

USB connector

USB port

Tips

● The first time when the camera is connected to your computer, the computer automatically installs the software to recognize the camera. What until recognition is completed.

3 Press ⊙ or ⊙ to select PC and press the OK button.

USB
P C
PRINT
EXIT
SELECT ◆ ⊞   OK ◆ OK

Confirming the computer recognizes the camera

Confirming the computer recognizes the camera

Windows 98/98SE/Me/2000

1 Double click the "My Computer" icon on the desktop.

? Tips

● If the camera is properly recognized by the computer, the "Removable Disk" icon is displayed.
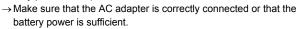
2 Double click the "Removable Disk" icon.

A "DCIM" folder is displayed.

? Tips

● The letter of the drive (E:) in "Removable Disk (E:)" may differ depending on the operating environment of your computer.
● If you cannot find the icon or an error message appears, there may be a problem with one of the following:
  ① the camera's power source (the AC adapter is not properly connected or the battery power is low)
    → Make sure that the AC adapter is correctly connected or that the battery power is sufficient.
  ② the card (there is no card in the camera or there is a problem with the card)
    → Check that you can play back pictures stored on the card on the monitor of your digital camera. You must disconnect the camera from the computer to perform this action.
  ③ the connection between the camera and the computer
    → Check the USB cable connection.
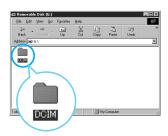
Windows

Creating and sharing images using a computer

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• •

3

Check for the "DCIM" folder.

This confirms that the camera is recognized by the computer. You can now operate the files on the computer.

Windows XP

When the computer has recognized the camera, a window is displayed, prompting you to select the operation for the image files.

> **? Tips**
>
> ● If this window is not displayed, click "My Computer" from the "Start" menu and then Double click the "Removable Disk" icon. ☞Go to step 2.

1

Select "Open folder to view files using Windows Explorer" and click "OK".

2

Check that the "DCIM" folder is displayed.

This confirms that the camera is recognized by the computer. You can now operate the files on the computer.

Installing the CAMEDIA Master software – for first time usage

☞For Macintosh users, Reference Manual P.181 (CAMEDIA Master CD-ROM)

Windows

The following are the system requirements for CAMEDIA Master 4.2.

Operating System	Windows 98/98SE/Me/2000/XP
CPU	Pentium II or later
RAM	128MB or greater (256MB or higher recommended)
Hard disk space	120MB or greater (during installation)
Connector	USB port (USB interface)
Monitor	800 × 600 dots or higher, 65,536 colors or higher

CD-ROM drive
Internet Explorer 4.0 or later (for display of online help)

This software is for use on computers with a pre-installed Operating System.

● For Windows XP systems, only Windows XP Professional/Home Edition is supported.
● For Windows 2000 systems, only Windows 2000 Professional is supported.

1 Turn on your computer and insert the CD-ROM into the CD-ROM drive. The screen below appears.

Choose the appropriate language.

This button only appears when the USB Driver has not been previously installed on a Windows 98 computer.

Tips

● If the menu screen does not display automatically, Double click the "My Computer" icon on your desktop and then Double click the CD-ROM icon.

Creating and sharing images using a computer

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● ●

2 Click the "CAMEDIA Master 4.2" button. Read the descriptions on the right-hand side of the window and click "Next".

QuickTime, CAMEDIA Master, and Acrobat Reader will be installed in order.

? Tips

● If your computer has the latest version of QuickTime or Acrobat Reader installed, the installation window for that application software will not be displayed.

Installing the CAMEDIA Master software

① Click "Next".

? Tips

● If QuickTime is already installed, proceed from here.

② When the software license agreement window is displayed, review the agreement and click "Yes".

• •

③ Type in your name and the software serial number.

! Caution

● When entering the serial number, be careful to distinguish between "0" (zero) and "O" (upper case o), "0" (zero) and "D" (upper case d), "1" (one) and "I" (upper case i), "2" (two) and "Z" (upper case z), "8" (eight) and "B" (upper case b), and "U" (upper case u) and "V" (upper case v).

● The serial number can be found on the bottom of the cover of the CD-ROM package.

After typing in this information, repeatedly click "Next".

The installation setup begins.

After the installation of the CAMEDIA Master software is complete, Acrobat Reader is installed.

If Acrobat Reader is already installed in your computer, the installation process finishes.

☞ "Starting/Exiting the CAMEDIA Master software" (P.54)

「CAMEDIA Master Serial Number:」

Using the provided CAMEDIA Master software

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Windows
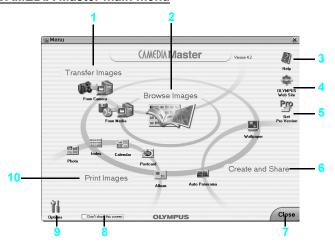
1 Double click the "CAMEDIA Master" icon on your desktop.

The main menu is displayed.

CAMEDIA Master main menu

1 Transfer images

From Camera Transfers images from the camera connected to the computer.

From Media Transfers images from media (floppy disk, magneto-optical disk (MO), CD-ROM, SmartMedia, and other storage media) to the computer.

2 Browse images

Displays images stored in media or the CAMEDIA Master software (My Album).

3 Help

Displays help files.

4 OLYMPUS Web Site

Displays the Olympus Web site.

• •

5 Get Pro Version

Displays information on how to purchase the Pro version of the CAMEDIA Master software.

6 Create and Share

| Auto Panorama | Stitches two or more images together to create a single horizontal panorama image. |
| Wallpaper | Sets an edited image as the wallpaper of the computer. |

7 Close

Closes the CAMEDIA Master software.

8 Don't show this screen.

If you check this box and exit the CAMEDIA Master software, next time you start the application, the Album Window is displayed instead of the main menu.

9 Options

Allows you to change the background color of the menu screen and select the storage location of "My Album".

10 Print Images

Allows you to position and print image(s) stored in media or the CAMEDIA Master software (My Album) in any of four formats (photo, index, calendar, or postcard).

> **Tips**
>
> ● The Online User Registration window is displayed. If your computer is connected to the Internet, follow the onscreen instructions to complete user registration. If you do not want to continue with the registration, click "Cancel".
>
> ● To view the CAMEDIA Master manual – From the "Start" menu, select "Programs" – "OLYMPUS CAMERA" – "Reference Manual".

2 To exit CAMEDIA Master, click "Close" on the main menu. The CAMEDIA Master software closes.

Using the provided CAMEDIA Master software

Creating and sharing images using a computer

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Transferring camera images to the computer

The following explains how to transfer images from "CAMERA" to a computer, create an album, and then save it on the computer.
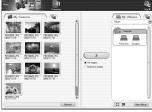
● Transfer images from the camera

1 In the main menu, click "Transfer Images – From Camera".

- The camera is automatically searched for images and the Transfer Images window is displayed.
- Thumbnails of all of the camera images are displayed on the left-hand side of the window.
- The album in the computer to which the images will be transferred is displayed on the right-hand side of the window.

Now you can create groups and albums to which to save the images.

When the software is initially installed, the "Panorama" and "Samples" albums are placed in the "Sample" group for use as samples.

Now let's transfer the images using a group we will name "Photos" and an album we will name "20031110".
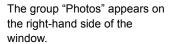
2 Create a group.

① Click the "New Album" button in the lower right-hand corner of the Transfer Images window.

The "Create New Album" dialog box is displayed.

② Select "Group", type in "Photos" for the group name, and click "OK" to create the group.

The group "Photos" appears on the right-hand side of the window.

3 Create an album named "20031110" inside the "photos" group.

① Click the "New Album" button in the lower right-hand corner.

The "Create New Album" dialog box is displayed.

Using the provided CAMEDIA Master software

Creating and sharing images using a computer

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● ●

② Type in "20031110" for the name of the album and click "OK".

An album named "20031110" has now been created inside the "Photos" group on the right-hand side of the window.

You are now ready to transfer the camera images to the "20031110" album.

4 Transfer images.

① Select "All images" below the "Transfer Images" button and click "Transfer Images".

? Tips

● To transfer images to an existing album, single-click the album to which you want to transfer the images and then click the "Transfer Images" button.

● To transfer only a selected image, click the "Selected Images" radio button below the transfer images button, select the image you wish to transfer, and then click "Transfer Images". To select multiple images, hold down the Ctrl key (Command key in Macintosh) while clicking the desired images.

② The "Transfer Images" dialog box is displayed. When the transfer of images is complete, click "OK".

The transfer of images to the album is now complete.

● ●

③ Click the "Menu" icon in the upper left-hand corner of the Transfer Images window to return to the main menu.

5 Disconnect the camera from your computer.

☞ "Windows 98/98SE" (P.60)
☞ "Windows Me/2000/XP" (P.61)
☞ For Macintosh users, Reference Manual P.175 (CAMEDIA Master CD-ROM)

Tips

● To save camera battery power, disconnect the camera from the computer once you have done transferring images to the computer.

Using the provided CAMEDIA Master software

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Disconnecting the camera from your computer

Windows 98/98SE

1 Make sure that the orange lamp on the camera is not lit.

The green lamp, however, is lit.

Orange lamp
Green lamp

Tips

● If the orange lamp is lit or blinking, wait until the lamp turns off before proceeding.
● If the orange lamp does not turn off, this may indicate that the camera is accessing the software on the computer. Close the software that you are using.

2 Double click the "My Computer" icon and right click the "Removable Disk" icon to display the menu.

3 Click "Eject" on the menu.

Remov Disk

Open
Explore
Find...

Copy Disk...

Sharing...

Format
Eject

Create Shortcut

Properties

4 Disconnect the USB cable from the computer and camera.
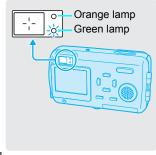
The green lamp on the camera turns off.

● ●

Windows Me/2000/XP

1
Make sure that the orange lamp on the camera is not lit.

The green lamp, however, is lit.

Orange lamp
Green lamp

? Tips

● If the orange lamp is lit or blinking, wait until the lamp turns off before proceeding.

● If the orange lamp does not turn off, this may indicate that the camera is accessing the software on the computer. Close the software that you are using.

2
Single click the "Unplug or Eject Hardware" icon on the taskbar.

For Windows XP, click the "Safely Remove Hardware" icon. The message "Safely Remove USB Mass Storage Device" or "Stop USB Mass Storage Device" appears.

1:45 PM

The message saying that the drive has been stopped appears.

3
Single click the message.

A confirmation window appears.

Stop USB Mass Storage Device - Drive(G:)

4
When the window appears, click "OK".

Safe To Remove Hardware

The 'USB Mass Storage Device' device can now be safely removed from the system.

OK

5
Remove the USB cable from the computer and camera.

The green lamp on the camera turns off.

Using the provided CAMEDIA Master software

Creating and sharing images using a computer

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Other features

The CAMEDIA Master software on the CAMEDIA Information CD-ROM enables you to easily manage and enjoy the pictures taken with your digital camera. CAMEDIA Master has the following functions.
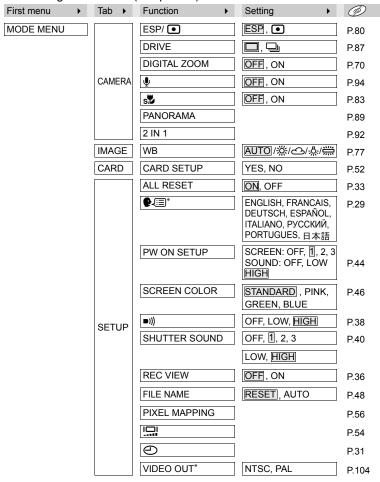
● Transfer images	● Transfer images from the camera ● Transfer images from media ● Specify where images are transferred to (album, calendar or folder)
● View images	● View still images ● View movies ● Change the display mode ● Play back sound ● Search for files ● Check/change file information
● Edit images	● Rotate/flip/resize/crop images, insert text, add templates, correct distortions, and use filter function ● Paste cut/copied images ● Save images
● Print	● Make photo prints and index prints ● Make calendars, postcards, albums, and contact sheets
● Other uses	● Use an image to create wallpaper ● Create a panorama image
● Manage files	● Create groups and albums ● Create folders ● Manage images and files

☞For details, see the CAMEDIA Master instruction manual installed together with CAMEDIA Master. The manual is displayed by clicking the "Help" icon at the upper right of the main menu window.

Menu List

The shooting mode and playback mode menus for still pictures and movies are shown separately below.

● Shooting mode menu (Still picture)

First menu ▶	Tab ▶	Function ▶	Setting ▶	✏
MODE MENU		ESP/ ⬤	ESP , ⬤	P.80
		DRIVE	☐ , ☐ⱼ	P.87
		DIGITAL ZOOM	OFF , ON	P.70
	CAMERA	🎤	OFF , ON	P.94
		s✿	OFF , ON	P.83
		PANORAMA		P.89
		2 IN 1		P.92
	IMAGE	WB	AUTO /☀/☁/☼/💡	P.77
	CARD	CARD SETUP	YES, NO	P.52
		ALL RESET	ON , OFF	P.33
		🗨≣*	ENGLISH, FRANCAIS, DEUTSCH, ESPAÑOL, ITALIANO, РУССКИЙ, PORTUGUES, 日本語	P.29
		PW ON SETUP	SCREEN: OFF, 1, 2, 3 SOUND: OFF, LOW HIGH	P.44
		SCREEN COLOR	STANDARD , PINK, GREEN, BLUE	P.46
	SETUP	■))	OFF, LOW, HIGH	P.38
		SHUTTER SOUND	OFF, 1, 2, 3	P.40
			LOW, HIGH	
		REC VIEW	OFF , ON	P.36
		FILE NAME	RESET , AUTO	P.48
		PIXEL MAPPING		P.56
		🖵		P.54
		⏲		P.31
		VIDEO OUT*	NTSC, PAL	P.104

▭ is the setting when shipped from the factory (default setting).
* Setting differs according to the region where the camera is sold.

Appendix

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Menu List

● ●

◀⁚	SHQ, HQ , SQ1, SQ2	P.74
☒	–2.0 ~ 0 ~ +2.0	P.79
MONITOR ON	MONITOR OFF, MONITOR ON	P.51

● Shooting mode menus (Movie)

First menu ▶	Tab ▶	Function ▶	Setting ▶	🐾
MODE MENU	CAMERA	ESP/ ◉	ESP , ◉	P.80
		DIGITAL ZOOM	OFF , ON	P.70
		s♥	OFF , ON	P.83
	IMAGE	WB	AUTO /☀/☁/☀/☀	P.77
	CARD	CARD SETUP	YES, NO	P.52
	SETUP	ALL RESET	ON , OFF	P.33
		●⁄▤*	ENGLISH, FRANCAIS, DEUTSCH, ESPAÑOL, ITALIANO, РУССКИЙ, PORTUGUES, 日本語	P.29
		PW ON SETUP	SCREEN: OFF, 1 , 2, 3 SOUND: OFF, LOW HIGH	P.44
		SCREEN COLOR	STANDARD , PINK, GREEN, BLUE	P.46
		■)))	OFF, LOW, HIGH	P.38
		FILE NAME	RESET , AUTO	P.48
		PIXEL MAPPING		P.56
		🖵		P.54
		⊙		P.31
		VIDEO OUT*	NTSC, PAL	P.104
◀⁚			HQ , SQ	P.123
☒			–2.0 ~ 0 ~ +2.0	P.79
MONITOR ON			MONITOR OFF, MONITOR ON	P.51

☐ is the setting when shipped from the factory (default setting).
* Setting differs according to the region where the camera is sold.

● Playback mode menus (Still picture)

First menu ▶	Tab ▶	Function ▶	Setting ▶	✏
MODE MENU		O━	OFF, ON	P.114
	PLAY	⌒	0°, +90°, −90°	P.101
		凸	凸, 凸ᴬᴸᴸ	P.134
	EDIT	BLACK & WHITE	BLACK & WHITE, CANCEL	P.108
		SEPIA	SEPIA, CANCEL	P.110
		▭	640 × 480, 320 × 240, CANCEL	P.112
	CARD	CARD SETUP	ALL ERASE, FORMAT	P.117, 52
	SETUP	ALL RESET	ON, OFF	P.33
		⬤🔤*	ENGLISH, FRANCAIS, DEUTSCH, ESPAÑOL, ITALIANO, РУССКИЙ, PORTUGUES, 日本語	P.29
		PW ON SETUP	SCREEN: OFF, 1, 2, 3 SOUND: OFF, LOW HIGH	P.44
		SCREEN COLOR	STANDARD, PINK, GREEN, BLUE	P.46
		VOLUME	OFF, LOW, HIGH	P.42
		⬤))	OFF, LOW, HIGH	P.38
		🖵		P.54
		⊙		P.31
		VIDEO OUT*	NTSC, PAL	P.104
		▦	4, 9, 16	P.97
🖼				P.103
INFO				P.107
🖔			YES, NO	P.116

▢ is the setting when shipped from the factory (default setting).
* Setting differs according to the region where the camera is sold.

Appendix
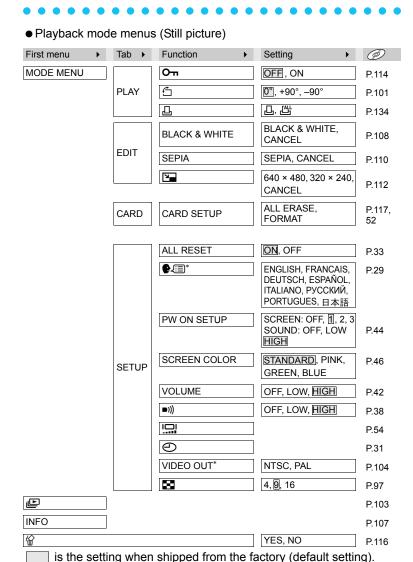
65

● ●

● Playback mode menus (Movie)

First menu ▶	Tab ▶	Function ▶	Setting ▶	✐
MODE MENU	PLAY	🔒	OFF , ON	P.114
	CARD	CARD SETUP	ALL ERASE, FORMAT	P.117, 52
	SETUP	ALL RESET	ON, OFF	P.33
		🔲⌂*	ENGLISH, FRANCAIS, DEUTSCH, ESPAÑOL, ITALIANO, РУССКИЙ, PORTUGUES, 日本語	P.29
		PW ON SETUP	SCREEN: OFF, 1, 2, 3 SOUND: OFF, LOW HIGH	P.44
		SCREEN COLOR	STANDARD , PINK, GREEN, BLUE	P.46
		VOLUME	OFF, LOW, HIGH	P.42
		■))	OFF, LOW, HIGH	P.38
		🖵		P.54
		⏱		P.31
		VIDEO OUT*	NTSC, PAL	P.104
		▦	4, 9, 16	P.97
MOVIE PLAY		MOVIE PLAYBACK	PLAYBACK, FRAME BY FRAME, EXIT	P.127, 128
		INDEX	INDEX, CANCEL	P.130
INFO				P.107
🗑			YES, NO	P.116

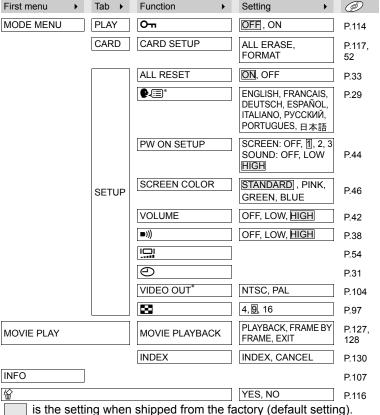☐ is the setting when shipped from the factory (default setting).
* Setting differs according to the region where the camera is sold.

Camera specifications

Product type   : Digital camera (for shooting and displaying)

Recording system

     Still picture   : Digital recording, JPEG (in accordance with Design rule for Camera File system (DCF)

     Compatible   : Exif 2.2, DPOF, PRINT Image Matching II, PictBridge.
     standards

     Movie   : QuickTime Motion JPEG support

Memory   : xD-Picture Card (16 MB to 512 MB)

Number of storable   : Still picture
pictures
(when a 16 MB
card is used)

Quality	Resolution	No. of storable pictures
SHQ	2272 × 1704	5
HQ		16
SQ1	2048 × 1536	20
SQ2	1600 × 1200	24
	1280 × 960	38
	1024 × 768	58
	640 × 480	99

Movie
Sequential shooting time (seconds)

Quality	Resolution	Recording time
HQ	320 × 240 (15 frames/sec.)	20
SQ	160 × 120 (15 frames/sec.)	90

Number of effective   : 4,000,000 pixels
pixels

Image pickup   : 1/2.5" CCD (primary color filter)
device

Lens   : Olympus lens 5.8 mm to 17.4 mm (equivalent to 35 mm to 105 mm lens on a 35 mm camera), F3.1 to F5.2

Photometric system   : Digital ESP metering, Spot metering

Shutter speed   : 1/2 to 1/1000 sec. (max. 4 sec. in Night scene mode)

Shutter shooting   : 0.5 m (1.6 ft.) to ∞ (normal),
distance   0.2 m (0.7 ft.) to ∞ (macro mode)
                     0.09 m (3.5 ft) to 0.5 m (1.6 ft) (super macro mode)

Viewfinder   : Optical real image viewfinder

Monitor   : 1.5" TFT color LCD display, 134,000 pixels

Flash charging time   : Approx. 6 seconds

Outer connector   : DC-IN jack, USB connector (mini-B), AUDIO/VIDEO OUT jack

Appendix

Camera specifications

● ●

Automatic calendar system	:	Automatic adjustment in range of 2000 to 2099
Weatherproof		
Type	:	Equivalent to IEC Standard publication 529 IPX4 (under OLYMPUS test conditions)
Meaning	:	Camera is not damaged by water spray from any direction.
Operating environment Temperature	:	0 to 40°C (32 to 104°F) (operation) / –20 to 60°C (–4 to 140°F) (storage)
Humidity	:	30 to 90% (operation) / 10 to 90% (storage)
Power supply	:	Specified lithium ion rechargeable battery or AC adapter
Dimensions	:	99 × 56 × 33.5 mm (3.9" × 2.2" × 1.3") (excluding protrusions)
Mass	:	159 g (0.4 lb.) (without battery or card)

SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT ANY NOTICE OR OBLIGATION ON THE PART OF THE MANUFACTURER.

Appendix

Specifications of accessories

xD-Picture Card

Product type	:	xD-Picture Card for digital cameras
Memory type	:	NAND flash EEP-ROM
Memory capacity	:	Shows the size of the card. (16/32/64/128/256/512MB)
Operating voltage	:	3V (3.3V)
Ambient temperature	:	0 to 55°C (32 to 131°F) (operation) / –20 to 65°C (– 4 to 149°F) (storage)
Ambient humidity	:	Less than 95% (operation and storage)
Dimensions	:	Approx. 20 × 25 × 1.7 mm (0.8" × 1.0" × 0.07")

Battery Charger (LI-10C)

Rated input	:	AC100 to 240V (50/60Hz) 10VA (100V) to 13VA (240V)
Rated output	:	DC4.2V, 700mAh
Charging time	:	Approx. 120 min.
Ambient temperature	:	0 to 40°C (32 to 104°F) (operation) / –20 to 60°C (–4 to 140°F) (storage)
Dimensions	:	46 × 37.5 × 86 mm (1.8" × 1.5" × 3.4")
Mass	:	Approx. 75g (2.6 oz.)

Lithium ion rechargeable battery (LI-10B)

Product type	:	Rechargeable lithium ion battery
Nominal voltage	:	DC3.7V
Nominal capacity	:	1090 mAh
Number of chargings	:	Approx. 300 (Varies according to conditions of use.)
Ambient temperature	:	0 to 40°C (32 to 104°F) (charging) / –10 to 60°C (14 to 140°F) (operation) / 0 to 30°C (32 to 86°F) (storage)
Dimensions	:	31.9 × 45.8 × 10 mm (1.3" × 1.8" × 0.4")
Mass	:	Approx. 35g (1.2 oz.)

SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT ANY NOTICE OR OBLIGATION ON THE PART OF THE MANUFACTURER.

Appendix

MEMO

OLYMPUS®

http://www.olympus.com/

OLYMPUS CORPORATION

Shinjuku Monolith, 3-1 Nishi-Shinjuku 2-chome, Shinjuku-ku, Tokyo, Japan

OLYMPUS AMERICA INC.

Two Corporate Center Drive, Melville, NY 11747-3157, U.S.A. Tel. 631-844-5000

Technical Support (USA)
24/7 online automated help: http://www.olympusamerica.com/support
Phone customer support: Tel. 1-888-553-4448 (Toll-free)

Our phone customer support is available from 8 am to 10 pm
(Monday to Friday) ET
E-Mail: distec@olympus.com
Olympus software updates can be obtained at: http://www.olympus.com/digital

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European Technical Customer Support:
Please visit our homepage **http://www.olympus-europa.com**
or call our TOLL FREE NUMBER* : **00800 - 67 10 83 00**
for Austria, Belgium, Denmark, Finland, France, Germany, Italy, Luxemburg,
Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, United Kingdom
• Please note some (mobile) phone services/provider do not permit access
or request an additional prefix to +800 numbers.

For all not listed European Countries and in case that you can't get connected
to the above mentioned number please make use of the following
CHARGED NUMBERS: **+49 180 5 - 67 10 83** or **+49 40 - 237 73 899**
Our Technical Customer Support is available from 9 am to 6 pm MET (Monday to
Friday)

VT692802